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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	10726198
Filing Date	2002-06-10
First Named Inventor	JOHN, Constance M.
Art Unit	1643
Examiner Name	REDDIG, Peter J.
Attorney Docket Number	81217-358194

**U.S. PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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1	BRESALIER, R.S. et al., "Metastasis of Human Colon Cancer is Altered by Modifying Expression of the $\beta$ -Galactoside-Binding Protein Galectin 3" Gastroenterology (1998) 115:287-296	<input type="checkbox"/>
2	CASTRONOVO, V. et al., "Decreased Expression of Galectin-3 Is Associated With Progression of Human Breast Cancer," J. Pathology (1996) 179:43-48	<input type="checkbox"/>
3	CHOI, J-H. et al., "Inhibition of N-(4-hydroxyphenyl)retinamide-Induced Apoptosis in Breast Cancer Cells by Galectin-3," Cancer Biology & Therapy (May 2004) 3:5, pp. 447-452	<input type="checkbox"/>
4	COULDREY, C. and GREEN, J.E., "Metastases: the glycan connection," Breast Cancer Res. (2000) 2:321-323	<input type="checkbox"/>
5	GAUDIN, J-C et al., "Nuclear localization of wild type and mutant galectin-3 in transfected cells," Biology of the Cell (2000) 92:49-58	<input type="checkbox"/>
6	GONG, H.C. et al., "The NH2 Terminus of Galectin-3 Governs Cellular Compartmentalization and Functions in Cancer Cells," Cancer Res. (Dec 1999) 59:6239-6245	<input type="checkbox"/>
7	GRANOVSKY, M. et al., "Suppression of tumor growth and metastasis in Mgat5-deficient mice," Nature Medicine (Mar 2000) 6(3):306-312	<input type="checkbox"/>
8	HONJO, Y. et al., "Down-Regulation of Galectin-3 Suppresses Tumorigenicity of Human Breast Carcinoma Cells," Clin. Cancer Res. (Mar 2001) 7:661-668	<input type="checkbox"/>
9	HSU, D. et al., "Biochemical and Biophysical Characterization of Human Recombinant IgE-binding Protein, an S-type Animal Lectin," J. Biol. Chem. (Jul 1992) 267(20):14167-14174	<input type="checkbox"/>
10	INOHARA, H. and RAZ, A., "Functional Evidence that Cell Surface Galectin-3 Mediates Homotypic Cell Adhesion," Cancer Res. (Aug 1995) 55:3267-3271	<input type="checkbox"/>
11	IURISCI, I. et al., "Concentrations of Galectin-3 in the Sera of Normal Controls and Cancer Patients," Clin. Cancer Res. (April 2000) 6:1389-1393	<input type="checkbox"/>

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12	KIM, H-R. C. et al, "Cell Cycle Arrest and Inhibition of Anoikis by Galectin-3 in Human Breast Epithelial Cells," Cancer Res. (Aug 1999) 59:4148-4154	<input type="checkbox"/>
13	KUWABARA, I, and LIU, F-T., "Galectin-3 Promotes Adhesion of Human Neutrophils to Laminin," J. Immunol., (May 1996) 156:3939-3944	<input type="checkbox"/>
14	LIN, H-M. et al., "Galectin-3 mediates genistein-induced G2/M arrest and inhibits apoptosis," Carcinogenesis (2000) 21 (11):1941-1945	<input type="checkbox"/>
15	LIU, F-T. et al., "Modulation of Functional Properties of Galectin-3 by Monoclonal Antibodies Binding to the Non-Lectin Domains," Biochemistry (1996) 35:6073-6079	<input type="checkbox"/>
16	LOTZ, M.M. et al., "Decreased expression of Mac-2 (carbohydrate binding protein 35) and loss of its nuclear localization are associated with the neoplastic progression of colon carcinoma," Proc. Natl. Acad. Sci. USA (Apr 1993) 90:3466-3470	<input type="checkbox"/>
17	NANGIA-MAKKER, P. et al., "Galectin-3 and L1 retrotransposons in human breast carcinomas," Breast Cancer Res. and Treatment (1998) 49:171-183	<input type="checkbox"/>
18	MASSA, S. M., "L-29, an Endogenous Lectin, Binds to Glycoconjugate Ligands with Positive Cooperativity," Biochemistry (1993) 32:260-267	<input type="checkbox"/>
19	MORIKI, T. et al., "Protein Domain Mapping by $\lambda$ Phage Display: The Minimal Lactose-Binding Domain of Galectin-3," Biochem. Biophys. Res. Commun. (1999) 265:291-296	<input type="checkbox"/>
20	NANGIA-MAKKER, P. et al., "Galectin-3 Induces Endothelial Cell Morphogenesis and Angiogenesis," Am. J. Pathol. (March 2000) 156(3):899-909	<input type="checkbox"/>
21	OCHIENG, J. et al., "Structure-Function Relationship of a Recombinant Human Galactoside-Binding Protein," Biochemistry (1993) 32:4455-4460	<input type="checkbox"/>
22	OCHIENG, J. and WARFIELD, P., "Galectin-3 Binding Potentials of Mouse Tumor EHS and Human Placental Laminins," Biochem. Biophys. Res. Commun. (Dec 1995) 217(2):402-406	<input type="checkbox"/>

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23	OCHIENG, J. et al., "Galectin-3 Regulates the Adhesive Interaction Between Breast Carcinoma Cells and Elastin," J. Cell. Biochem. (1999) 75:505-514	<input type="checkbox"/>
24	ODA, Y. et al., "Human breast carcinoma cDNA encoding a galactoside-binding lectin homologous to mouse Mac-2 antigen," Gene (1991) 99:279-283	<input type="checkbox"/>
25	OKA, N. et al., "Galectin-3 Inhibits Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Induced Apoptosis by Activating Akt in Human Bladder Carcinoma Cells," Cancer Res. (Sep 2005) 65(17) 7546-7553	<input type="checkbox"/>
26	RAZ, A. et al., "Identification of the Metastasis-associated, Galactoside-binding Lectin as a Chimeric Gene Product with Homology to an IgE-binding Protein," Cancer Res. (July 1989) 49:3489-3493	<input type="checkbox"/>
27	SAUSSEZ, S. et al., "The determination of the levels of circulating galectin-1 and -3 in HNSCC patients could be used to monitor tumor progression and/or responses to therapy," Oral Oncol. (2007) IN PRESS, 8 pp	<input type="checkbox"/>
28	SEETHARAMAN, J. et al., "X-ray Crystal Structure of the Human Galectin-3 Carbohydrate Recognition Domain at 2.1-Å Resolution," J. Biol. Chem. (May 1998) 273(21):130047-13052	<input type="checkbox"/>
29	TAKENAKA, Y. et al., "Malignant transformation of thyroid follicular cells by galectin-3," Cancer Lett (2003) 195:111-119	<input type="checkbox"/>
30	YAMAOKA, A. et al., "A Human Lectin, Galectin-3 (εbp/Mac-2), Stimulates Superoxide Production by Neutrophils," J. Immunol. (Apr 1995) 154: 3479-3487	<input type="checkbox"/>
31	OCHIENG, J. et al., "Modulation of the biological functions of galectin-3 by matrix metalloproteinases," Biochim. Biophys. Acta (1998) 1379:97-106	<input type="checkbox"/>

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Examiner Signature		Date Considered	
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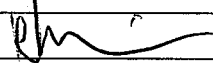
☐ See attached certification statement.

☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	2007-08-27
Name/Print	Richard A. Nakashima	Registration Number	42,023

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